



Low Wind Speed Technology Development

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Program Elements



Technology Viability

Low Wind Speed Technology

Primary Program Activities:

- Public/private partnerships
 - Concepts
 - Components
 - Systems

Distributed Wind Technology

Primary Program Activities:

- Public/private partnerships
 - Concepts
 - Components
 - Systems

Technology Application

Systems Integration

Primary Program Activities:

- Models
- Ancillary costs
- Utility rules
- Transmission planning
- Technology synergies

Technology Acceptance

Primary Program Activities:

- State outreach
- Rural wind development
- Native Americans
- Power partnerships
- Stakeholder collaboratives

Program Goals

Goal A

By 2012, COE from large systems in Class 4 winds 3 cents/kWh onshore or 5 cents/kWh offshore

Goal B

By 2007, COE from distributed wind systems 10- 15 cents/kWh in Class 3

Goal C

By 2012, complete program activities addressing electric power market rules, interconnection impacts, operating strategies, and system planning needed for wind energy to compete without disadvantage to serve the Nation's energy needs

Goal D

By 2010, at least 100 MW will be installed in 30 states.

Supporting Research and Testing

Primary Program Activities:

- Enabling research
- Design Review and Analysis
- Testing Support

Supporting Engineering and Analysis

Primary Program Activities:

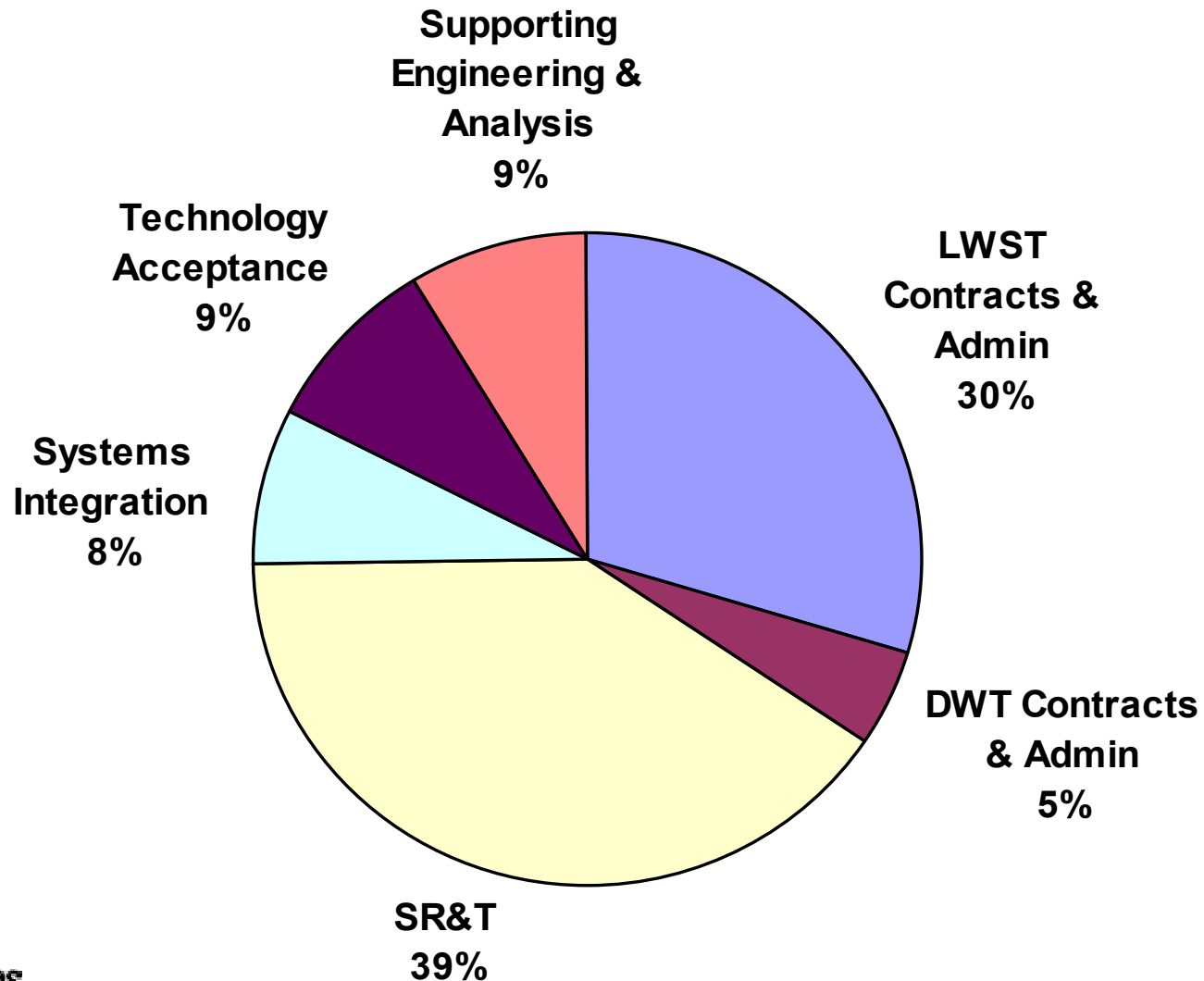
- Standards and certification
- Field verification test support
- Technical issues analysis and communications



Sandia
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Wind Program \$ 41.6 M





Technology Viability \$ 31.0 M

